

Recombinant Human CARD10 Protein, GST-Tagged

Cat. No. CARD10-0390H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CARD10 partial ORF (NP_055365, 566 a.a. - 655 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	The caspase recruitment domain (CARD) is a protein module that consists of 6 or 7 antiparallel alpha helices. It participates in apoptosis signaling through highly specific protein-protein homophilic interactions. Like several other CARD proteins, CARD10 belongs to the membrane-associated guanylate kinase (MAGUK) family and activates NF-kappa-B (NFKB; see MIM 164011) through BCL10 (MIM 603517) (Wang et al., 2001 [PubMed 11259443]).[supplied by OMIM, Mar 2008]
Molecular Mass	35.64 kDa
AA Sequence	LSSSSSSDSVWPLGKPEGLLARGCGLDFLNRLAIRVSGRSPPGGPEPQDKGPDGL SFYGDRWSGAVVRRVLSGPGSARMEPREQRVEAA
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Storage Buffer 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name [CARD10 caspase recruitment domain family, member 10 \[Homo sapiens \]](#)

Official Symbol [CARD10](#)

Synonyms CARD10; caspase recruitment domain family, member 10; caspase recruitment domain-containing protein 10; BIMP1; CARMA3; carma 3; CARD-containing MAGUK 3 protein; CARD-containing MAGUK protein 3; Bcl10 binding protein and activator of NFkB; MGC142219;

Gene ID [29775](#)

mRNA Refseq [NM_014550](#)

Protein Refseq [NP_055365](#)

MIM [607209](#)

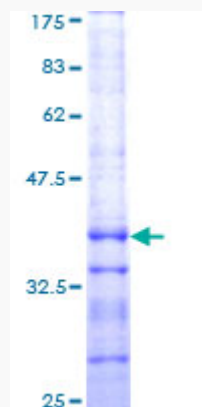
UniProt ID [Q9BWT7](#)

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**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

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